Arc Exhibits Superior Performance in Combating *C. auris* and *C. difficile*

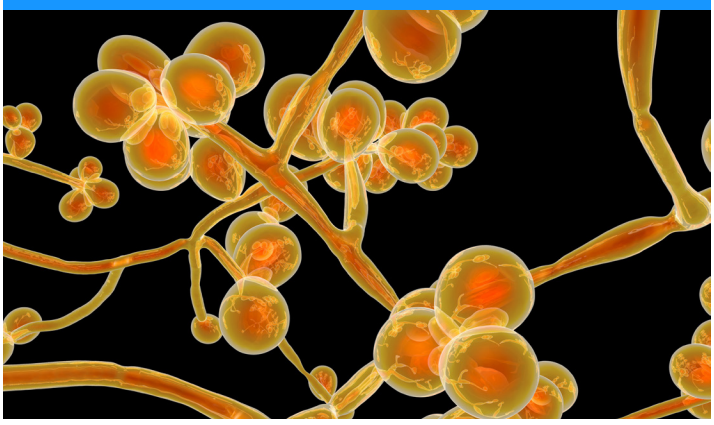
Arc is overall faster and more effective than competition in combating *C. diff* and *C. auris*.

How we tested Arc's efficacy versus *C. auris* and *C. difficile*

In January 2022, R-Zero engaged Microchem Laboratories, a Texas-based independent laboratory with ISO 17025 accreditation and EPA and FDA GLP compliance. At this laboratory, Arc's efficacy was tested against *C. auris* and *C. diff*. Testing simulated consumer use based upon procedures outlined in the American Society of Test Materials (ASTM) test methodology.

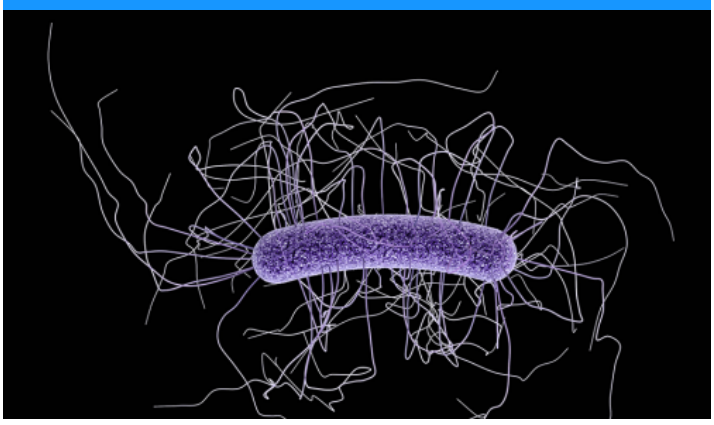
The study found Arc to be significantly more effective achieving a 3 log reduction in less time and from a greater distance than our competitors. See the next page for a comparison of Arc and it's most common competitors. A full report of the study can also be provided upon request.

Candida auris or *C. auris*



Candida auris or *C. auris* is an emerging, harmful fungus. It is often multidrug-resistant and is difficult to identify with standard laboratory methods. *C. auris* can spread by person-to-person contact or by contact with contaminated surfaces.

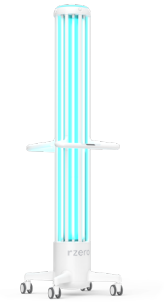
Clostridium difficile or *C. difficile*



Clostridium or *Clostridioides difficile* or *C. difficile* *("C. diff")* is a harmful bacterium. *C. diff* exists in human waste and can live on people's skin. *C. diff* is spread through contact with human waste and/or person-to-person contact.

How Arc performed versus competition

When tested by an EPA and FDA GLP-compliant, independent laboratory to simulate real-world conditions in accordance with ASTM testing standards, Arc is overall faster and more effective than competition in combating *C. diff* and *C. auris*.



Organism	Points of Comparison	R-Zero	Tru-D	Xenex
C. auris	**Reduction**	3 log reduction (99.9%)	Claims overall 2.9 log reduction (99%)	Claims to deactivate 100%, which can only be achieved with sterilization; however, actual reduction is 2 log (99.6%)
	Exposure Time	7 minutes	17-19 minutes	10 minutes
	Exposure Distance	8 feet	Not provided	6 feet
	ASTM Testing Standards Compliance	Yes	No	No
C. difficile	**Reduction**	3 log (99.9%)	2-3 log (99%+) or 1 log (90%)	0.5 log (66%)
	Exposure Time	7 minutes	up to 45 minutes	10 minutes
	Exposure Distance	8 feet	6 or more	4 feet
	ASTM Testing Standards Compliance	Yes	Not provided	Not provided